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13281 U.S. PTO

**UTILITY  
PATENT APPLICATION  
TRANSMITTAL**

(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No.

03500.018031

First Named Inventor or Application Identifier

TAKAKO YAMAGUCHI, ET AL.

Express Mail Label No.

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

**ADDRESS TO:**Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-14501. ☒ Fee Transmittal Form  
(Submit an original, and a duplicate for fee processing)2. ☐ Applicant claims small entity status.  
See 37 CFR 1.27.3. ☒ Specification *Total Pages* **38**4. ☒ Drawing(s) (35 USC 113) *Total Sheets* **10**5. ☒ Oath or Declaration *Total Pages* **2**a. ☒ Newly executed (original or copy)b. ☐ Copy from a prior application (37 CFR 1.63(d))  
(for continuation/divisional with Box 17 completed)i. ☐ **DELETION OF INVENTOR(S)**  
Signed Statement attached deleting inventor(s)  
named in the prior application, see 37 CFR  
1.63(d)(2) and 1.33(b).6. ☒ Application Data Sheet. See 37 CFR 1.767. ☐ CD-ROM or CD-R in duplicate, large table or Computer  
Program (Appendix)8. ☐ Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)a. ☐ Computer Readable Form (CRF)

b. Specification Sequence Listing on:

i. ☐ CD-ROM or CD-R (2 copies); orii. ☐ paperc. ☐ Statements verifying identity of above copies**ACCOMPANYING APPLICATION PARTS**9. ☒ Assignment Papers (cover sheet & document(s))10. ☐ 37 CFR 3.73(b) Statement ☐ Power of Attorney  
(when there is an assignee)11. ☐ English Translation Document (if applicable)12. ☐ Information Disclosure ☐ Copies of IDS  
Statement (IDS)/PTO-1449 Citations13. ☐ Preliminary Amendment14. ☒ Return Receipt Postcard (MPEP 503)  
(Should be specifically itemized)15. ☐ Certified Copy of Priority Document(s)  
(if foreign priority is claimed)16. ☐ Other: \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

17. If a CONTINUING APPLICATION, check appropriate box and supply the requisite information:

☐

Continuation

☐

Divisional

☐

Continuation-in-part (CIP)

of prior application No. \_\_\_\_/\_\_\_\_

Prior application information:

Examiner \_\_\_\_\_

Group/Art Unit: \_\_\_\_\_

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

**18. CORRESPONDENCE ADDRESS**☒

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Correspondence address below

NAME

Address

City

State

Zip Code

Country

Telephone

Fax



| CLAIMS | (1) FOR  | (2) NUMBER FILED | (3) NUMBER EXTRA              | (4) RATE                      | (5) CALCULATIONS |
|--------|--|------------------|-------------------------------|-------------------------------|------------------|
|        | TOTAL CLAIMS<br>(37 CFR 1.16(c))   | 20-20 =          | 0                             | X \$ 18.00 =                  | \$0.00           |
|        | INDEPENDENT CLAIMS (37 CFR 1.16(b))  | 3-3 =            | 0                             | X \$ 86.00 =                  | \$0.00           |
|        | MULTIPLE DEPENDENT CLAIMS (if applicable) (37 CFR 1.16(d))                 |                  |                               | \$290.00 =                    | \$0.00           |
|        |  |                  |                               | BASIC FEE<br>(37 CFR 1.16(a)) | \$770.00         |
|        |  |                  | Total of above Calculations = |                               | \$770.00         |
|        | Reduction by 50% for filing by small entity (Note 37 CFR 1.9, 1.27, 1.28). |                  |                               |                               |                  |
|        | TOTAL =  |                  |                               |                               | \$770.00         |
|        |  |                  |                               |                               |                  |

19. Small entity status


- a. ☐ A small entity statement is enclosed
- b. ☐ A small entity statement was filed in the prior nonprovisional application and such status is still proper and desired.
- c. ☐ Is no longer claimed.

20. ☒ A check in the amount of \$ 770.00 to cover the filing fee is enclosed.

21. ☒ A check in the amount of \$ 40.00 to cover the recordal fee is enclosed.

22. The Commissioner is hereby authorized to credit overpayments or charge the following fees to Deposit Account No. 06-1205:

- a. ☒ Fees required under 37 CFR 1.16.
- b. ☐ Fees required under 37 CFR 1.17.
- c. ☐ Fees required under 37 CFR 1.18.

| SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT REQUIRED |   |
|---|---|
| NAME  | Steven E. Warner - Reg. No. 33,326  |
| SIGNATURE   |  |
| DATE  | February 18, 2004   |

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